

# PATENT

INSTITUT FRANÇAIS DU PETROLE

## CEMENT SLURRIES COMPRISING HYDROPHOBIC POLYMERS

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### ABSTRACT

- The present invention relates to a cement slurry set in a wellbore. The slurry comprises cement, at least one mineral filler, water and a determined amount of at least one hydrophobically modified acrylamide or acrylate derivative.
- The present invention also relates to an additive specific to a cement slurry and acting as a filtrate reducer and as a rheological control agent, the additive comprising mainly a hydrophobically modified acrylamide or acrylate derivative.